



Attorney's Docket No.: 04037-007001

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NW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David E. Wolf

Art Unit : 1635

Serial No. : 09/394,265

Examiner : G. Gabel

Filed : September 10, 1999

Title : RECOMBINANT REDUCED VALENCY CARBOHYDRATE BINDING
LIGANDS

TECH CENTER 1609/2900

SEP 8 0 2002

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Commissioner for Patents
Washington, D.C. 20231

RESPONSE

In response to the Office Action mailed March 19, 2002, please amend the application as follows:

In the Specification:

Please replace the paragraph on page 27, lines 21-29 with the following amended paragraph:

--Several types of interactions are involved in producing and stabilizing dimeric Concanavalin A (see Table II below) or tetrameric Concanavalin A (see Table III below). For example, Reeke *et al.*, *supra*, describe residues from four distinct regions of the Concanavalin A structure that participate in forming contacts between monomeric subunits in dimeric Concanavalin A. Based upon this structure, the four regions include amino acid residues: 87-90, 136-139, and 175-178 (amino acid positions are by reference to the amino acid sequence data in Edelman *et al.*, 1972, *Proc. Natl. Acad. Sci. U.S.A.*, 69:2580-4; Wang *et al.*, 1975, *J. Biol. Chem.*, 250:1490-1502; and Cunningham *et al.*, 1975, *J. Biol. Chem.*, 250:1503-12), which are located in the front of the monomeric Concanavalin A subunit. In contrast, amino acid residues 117-132 are located at the back of the monomeric Concanavalin A subunit.--

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

September 19, 2002

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Judith Witzel
Judith Witzel

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